

17 MAJOR PROJECTS REPORT

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RECOMMENDATION

That the Major Projects report be received and noted.

Attachments

Nil.

EXECUTIVE SUMMARY

As part of the reporting process to Council, this monthly report provides an update of the status of major projects in progress. It includes an update on major projects, capital works, special charge schemes and asset management current at the time of this report.

CONCLUSION

This regular activity report is provided for Councillors' information.

Recreation Reserves

James Bathe Recreation Reserve civil works

Project description	Construction of two football/cricket ovals, netball courts and play space.
Funding	The project is funded by Council and a contribution through Sport and Recreation Victoria.
Timelines	The ovals are now on maintenance and not accessible until early 2020. The outstanding works to be complete in the coming weeks.
Update	<p>Asphalt to the internal roads and car parks is complete, as well as installation of line marking and signage. Application of the acrylic surfaces to the netball courts is scheduled for early December.</p> <p>The play space works, planting and landscaping netball, basketball and practice cricket areas are also complete.</p> <p>Construction of the ovals is complete. The ovals have been sprayed and will be re-sown in the next few weeks to supplement the sprigging that has occurred to date. Light poles have been installed and lights are operational to both ovals and majority of carpark.</p>

James Bathe Recreation Reserve pavilion

Project description	Construction of a new pavilion servicing netball, football, cricket activities and includes provision for community use.
Funding	Council and the Victorian Government's Growing Suburbs Fund are jointly funding this project.
Timelines	Construction of the pavilion was completed in October 2019.
Update	The construction of the pavilion obtained certificate of occupancy and practical completion in October. An official opening of the pavilion is scheduled for 25th November 2019. User groups to occupy early 2020.

Deep Creek Reserve

Project description	<p>Deep Creek Reserve is a 48-hectare Council 'greenfield' site, bounded by the Pakenham Golf Course to the North and the railway line to the south.</p> <p>The development of this site will include new paths and car park, development of infrastructure (including a sustainable environment complex, including new golf club rooms, all abilities playground, indigenous plant nursery, wetland and education facilities, kick about area, car park and associated drainage) and Melbourne Water wetlands.</p>
Funding	The Deep Creek Reserve development is jointly funded by Council and the Victorian Government's Growing Suburbs Fund, with in-kind support from Pakenham Golf Club
Timelines	Deep Creek Reserve was officially opened on Saturday 26 October
Update	Jordan Crugnale MP and Mayor Graeme Moore officially opened the reserve on Saturday 26 October. Despite the wet and cold weather over 400-people attended the opening and enjoyed free family friendly activities, including face painting and a sausage sizzle.

Deep Creek Reserve Nursery and Education Centre

Project description	Construction of a community driven indigenous plant nursery including outdoor education space, retail display garden, propagation facilities, irrigation, shade houses and green houses to grow the plants.
Funding	This project is jointly funded by Council and the Andrew's Foundation and is part of the Deep Creek Reserve.
Timelines	Nursery Facility, including driveway access areas will be completed by end of November 2019
Update	<p>Construction works and fit out to the nursery training facility, propagation buildings and greenhouses have been completed with driveway access currently under construction. Certificate of occupancy/practical completion to be received on completion of driveway works.</p> <p>The Cardinia Environment Coalition are planning an official opening late November.</p>

Pepi's Land Netball pavilion

Project description	Pavilion change room facility for the new netball courts providing home and away change/shower facilities, kitchen kiosk, and external amenities.
Funding	The project is funded by the Council.
Timelines	This project is due for completion in October 2020.
Update	Public tenders have been invited with a report being presented to the December 2019 Council meeting for recommendation of a contractor to undertake works.

Bunyip Recreation Reserve soccer pavilion

Project description	Construction of a new pavilion providing soccer and cricket activities.
Funding	Council and the Victorian Government's Building Better Regions Fund jointly fund this project.
Timelines	Construction scheduled to be complete by March 2020.
Update	The main structural works to the pavilion are complete. Internal plaster work nearing completion and progressing ahead of schedule. Fit out works have commenced. External works to ramps and walkways will start mid November.

Worrell Recreation Reserve pavilion upgrade

Project description	Construction of a new pavilion for football and cricket, including a gym for community use.
Funding	The project is fully funded by Council
Timelines	Works programmed for completion March 2020.
Update	Good progress has been achieved over the last month with the completion of the concrete slab for the ground floor area. Steel work structure is nearing completion and external blockwork is progressing to roofline of main pavilion building.

Lang Lang Community and Recreation Precinct pavilion

Project description	The construction of a major recreation and community precinct is being undertaken in partnership with the Lang Lang Community Bank. It will include sporting facilities for football, cricket and netball and multi-purpose community spaces.
Funding	Lang Lang Community Bank purchased the 36-hectare parcel of land upon which the precinct will be constructed, and have committed \$3.2 million including land purchase to the project. \$1.5 million has been received from the Australian Government's Building Better Regions Fund. Council and our partners have committed so far \$13.5 Million to the

design and construction of civil and building works between 2015-16 and 2020-21.

Timelines	The pavilion is due to be completed by February 2020, (Final sewer connections by South East Water is not expected to be completed until May 2020. Pavilion will be on temporary pumping services.
Update	Project at lock up stage with the commencement of the internal wall finishes, fit out and services works. External driveway and pathway works have commenced.

Comely Banks Recreation Reserve pavilion

Project description	Construction of a new pavilion providing rugby, football, cricket, and bowls activities, social multi purpose spaces, Kitchen / Kiosk and toilet facilities .
Funding	Council and the Victorian Government Growing Suburbs Fund jointly fund this project
Timelines	Pavilion construction is due to complete in October 2020.
Update	Main contractor has commenced works on site in accordance with funding requirements. Services connections/point of entry works completed in readiness for concrete slab pour in December.

Koo Wee Rup Recreation Reserve football/cricket pavilion upgrade

Project description	Removal of existing change room facilities and construct new football/cricket change room facilities, gym , meeting and community rooms, male /female/assessable public toilets
Funding	Council, the Victorian Government and the Australian Government (Building Better Regions Fund Program) are providing funding for this project
Timelines	The project is due for completion by December 2020.
Update	The user groups and committee are reviewing the revised concept plan. Functional sign off to be achieved by end of November, Project will then progress to the detailed design stage.

Koo Wee Rup Recreation Reserve netball pavilion upgrade

Project description	Removal of existing netball change room facilities and construct new netball pavilion, providing home and away change, canteen, social room and office, public assessable toilets and unisex toilets.
Funding	Council and the Victorian Government are funding this project.
Timelines	The project is due for completion by December 2020.
Update	The user groups and committee are reviewing the revised concept plan. Functional sign off to be achieved by end of November, Project will then progress to the detailed design stage.

Koo Wee Rup Tennis Club upgrade

Project description	This project includes the construction of two new tennis courts, the refurbishment of the existing tennis courts, which include acrylic surfacing, improved lighting and shelters, and the conversion of the swimming clubroom to a tennis club facility.
Funding	Council and the Victorian Government (Sports and Recreation Victoria) are jointly funding this project.
Timelines	The tennis court construction and refurbishment is complete. The conversion of the swimming clubroom is due to complete by April 2020.
Update	Quotes for the construction have been evaluated and works are due to commence on site by end of November 2019, following receipt of statutory approvals.

Cora Lynn change room pavilion upgrade

Project description	Construction of new change rooms at Cora Lynn Recreation Reserve.
Funding	This project is jointly funded by Council and the Victorian Government through Community Sports Infrastructure Loan Funding
Timelines	Project is currently awaiting relevant concept design approvals before an appropriate timeline can be confirmed.
Update	The final concept scheme and revised cost estimate has been submitted to Victorian Government for Ministerial approval.

Beaconsfield Recreation Reserve (Perc Allison pavilion)

Project description	Upgrade of the existing change room pavilion to provide unisex change room facilities, umpires change rooms, first aid and strapping room, gym, time-keepers room and a spectator viewing area..
Funding	Council and the Victorian Government's Community Sports Infrastructure Fund jointly fund this project
Timelines	This project is due for completion November 2020.
Update	Schematic stage documentation has been provided for review and relevant approval, in order to progress to next stage of documentation.

Officer Recreation Reserve No. 2 (Western) oval reconstruction

Project description	Reconstruction of the western oval at the Officer Recreation Reserve, Starling Road Officer.
	The works include, but are not necessarily limited to re-orientation, re-shaping and re-surfacing of the oval and the installation of subsurface drainage, irrigation and perimeter fence.

A funding application has been made to the Australian Government for ball catc- nets, lighting upgrades and to upgrade the proposed gravel footpaths to a concrete footpath.

Funding	This project is fully funded by Council.
Timelines	Grass to be planted in November. Establishment period to extend into 2020.
Update	The oval had been sown with rye grass over the winter which will be sprayed out in the coming weeks. Couch will then be planted once the temperature warms up, to enable growth. A practical completion inspection on the civil works has been undertaken.

Officer Recreation Reserve (Western) oval pavilion

Project description	Upgrade works to the existing pavilion providing female friendly amenities and provisions.
Funding	Council and the Victorian Government (Sports and Recreation Victoria) jointly fund this project
Timelines	This project is due for completion in June 2020.
Update	The schematic documentation has been approved by the user groups and detailed design in progress.

Koo Wee Rup Primary and Secondary School oval upgrades

Project description	<p>Reconstruction of the Koo Wee Rup Primary School oval and the adjacent Koo Wee Rup Secondary School oval.</p> <p>The primary school oval upgrade includes new sub surface drainage, two new cricket nets and some portable barrier netting to protect school infrastructure.</p> <p>The secondary school oval upgrade includes new sub surface drainage, irrigation, and flood lighting, installation of a bore, power upgrade, and construction of a new pavilion and extension of the synthetic hockey pitch to meet Australian standards.</p>
Funding	<p>The primary school upgrade is funded by Sport and Recreation Victoria and Council.</p> <p>The secondary college is funded by the Victorian Government's Department of Education of which a portion is allocated for the oval upgrade works.</p>
Timelines	Works are expected to be completed in December 2019 (weather dependent)
Update	Earthworks and drainage installation to the Primary School oval are complete. The centre wicket and cricket practice areas have been poured and synthetic installation has commenced.

Earthworks to the Secondary School oval are complete and the drainage is nearing completion. Due to wet weather at the start of the project, the contractor has been experiencing delays on site.

Installation of the spoon drain has commenced on both ovals.

Koo Wee Rup Secondary School pavilion

Project description	New pavilion for the upgraded football oval, providing unisex change rooms facilities, umpire change rooms, unisex amenities, canteen /kiosk, storage, cleaners' room and a covered spectator area..
Funding	The project is funded by the Victorian Government (Victorian School Building Authority).
Timelines	This project is due for completion in July 2020
Update	Proposed design layout and construction information has been prepared in readiness for user groups' review and approval.

Gembrook Leisure Park redevelopment

Project description	The construction of a new reserve including a new skate park, playground, half-court basketball/netball, shelters, BBQs and open space. The public toilets will also receive an upgrade.
Funding	Council, the Australian Government's Building Better Regions Fund (\$500,000) and the Victorian Government's Growing Suburbs Fund (\$500,000) jointly fund this project.
Timelines	Works are due for completion by early December 2019.
Update	All drainage and underground services are complete, the play equipment and netball/basketball courts have been installed and work has commenced on the skate park elements. The toilet upgrade works are underway in line with the opening of the site in early December.

Gembrook Reserve pavilion

Project description	Redevelopment and extension of the existing pavilion providing unisex change rooms, umpire change rooms, accessible amenities, first aid, gym, additional social room and relocate social room servery. There is a minor upgrade to the existing kitchen and social room areas, reconfiguring of the kiosk servery counter, updating the spectator viewing lounge and time-keeper room at first floor level, providing lift access to first floor level.
Funding	Council and the Australian Government jointly fund this project.
Timelines	Works are due for completion February 2021.
Update	Tenders are being reviewed to achieve budget costs. A Council report is being prepared in expectation to receive Council award and commence on site February 2020.

Toomuc Reserve Northern pavilion

Project description	Redevelopment of the ground floor area of the existing pavilion to provide netball change facilities with operable walls, umpire change rooms, and unisex amenities. Retrofit existing football/cricket change room amenities/umpire room amenities and modification of First Aid room.
Funding	Council, Sport Australia Community Sport Infrastructure Program and the Australian Government jointly fund this project.
Timelines	This project is due for completion May 2021.
Update	Design consultants appointed by end of November.

Toomuc Reserve Southern pavilion

Project description	Redevelopment or the construction of separate facilities for the junior football/little athletics and baseball user groups, with operable walls, umpire change rooms, unisex amenities ,canteen/kiosk serving both ovals, storage, office areas, first aid and time-keepers room, cleaner's room, social space and external spectator viewing.
Funding	Council, the Australian Government and the Victorian Government's Sport & Recreation Victoria Fund jointly fund this project.
Timelines	This project is due for completion May 2021
Update	Design consultants appointed by end of November.

Roads

2019-20 Reseal and rehabilitation program

Project description	The significant proactive maintenance and upgrade of Council's road network as per Council's asset management system.
Funding	Council and the Australian Government's Roads To Recovery Program jointly fund the program.
Timelines	It is anticipated that the program will be complete by the end of May 2020.
Update	The annual reseal, rehabilitation programs for 2019-20 have been tendered. A tender assessment has been undertaken with a separate report being presented to this council meeting to consider the appointment of a contractor to undertake the works.

Blackspot Project – Main Drain Road South

Project description	A 2.3km section of Main Drain Road South, Bunyip, from Bunyip Modella Road to 13 Mile Road, has been identified for blackspot works. The work includes installing guardrail along both sides of the road.
Funding	The Federal Government fully funds this project through their Black Spot Program.
Timelines	The project is due for completion by February 2020
Update	A separate report will be presented to this Council meeting recommending a preferred tenderer for consideration to undertake the works.

Blackspot Projects – successful 2019-20 applications

Project description	<p>Council have been successful in obtaining funding for three Blackspot projects this year. The projects are:</p> <ol style="list-style-type: none"> 1. The installation of safety barriers and audio tactile edge line marking along Paternoster Road, Emerald between Emerald-Beaconsfield Road and Bailey Road. 2. The installation of safety barriers, sealed shoulders and tree removal along Avon Road, Cockatoo between Woori Yallock Road and Kennedy Road. 3. The installation of safety barriers, sealed shoulders, tree removals and audio tactile edge line marking along Bessie Creek Road, Nar Nar Goon North between Seymour Road and Moore Road.
Funding	These projects are fully funded by the Australian Government's Blackspot Program.
Timelines	The project is due for completion mid-2020.
Update	Funding applications are being finalised and designs are being completed and tender documents are being prepared.

2019-20 Unsealed road re-sheeting program

Project description	The unsealed roads re-sheeting program is aimed to refurbish approximately 70 kilometres of unsealed roads throughout the shire. This project involves refurbishment of the road pavement and surface drainage, utilising in-situ materials as well as new crushed rock where required. These works are aimed at improving the road surface to enable greater longevity and an improved experience for road users.
Funding	The program is fully funded by Council.
Timelines	It is anticipated that the program will be completed by June 2020.

Update This project has commenced, with 50 kilometres of roads refurbished to date.

Paths, drains and bridges

Toomuc Creek pedestrian bridges north and south

Project description Toomuc Creek pedestrian bridges are a design and construct project which involves removal and replacement of the existing pedestrian bridge near Toomuc Reserve and design and installation of a new pedestrian bridges over Toomuc Creek south of the train line.

Funding Council funds the northern bridge and the new pedestrian bridge south of the rail line is funded through the DCP.

Timelines The project is due for completion by March 2020.

Update The required approvals from the relevant authorities have been granted and fabrication of structural elements is nearing completion. Local schools and other user groups have been contacted regarding the projects progress and will continue to be informed. Environmental impact assessments and cultural heritage investigations are currently underway.

Pepi's Land dam

Project description Reconstruction of lower dam at Pepi's land, Emerald.

Funding This project is fully funded by Council

Timelines Council are seeking to have an agreed solution this calendar year to notify the community of and then for repair works to be implemented in 2020.

Update A leak in the lower dam was discovered on 2 August. The leak was slowly flowing out around the old irrigation pipe, located on the outside of the bottom of dam. Expert dam and hydraulic engineers advised to lower the depth of water in the dam by approximately 2m as an interim measure to reduce the risk of any further damage occurring. This has been done and it looks to have stopped any further deterioration. Investigations are currently underway to determine best option for remediation of dam wall.

Flora and fauna survey has been commissioned to inform remediation design and controls of construction process have been completed and are being assessed.

2018-19 Drainage program

Project description The maintenance and upgrading of Council's drainage network.

Funding The program is fully funded by Council.

Timelines This program is due to be completed by end of June 2020.

Update A detailed stormwater investigation has been completed at the Rossiter Road/ Station Street intersection in Koo Wee Rup. This investigation

has assessed the existing condition of the stormwater infrastructure in and around the intersection. This information has been used to develop flood models for the surrounding area. The outcome of this investigation has been a number of proposed works that may be undertaken to alleviate flooding. Having reviewed the four proposed options to alleviate flooding within the intersection, one option has been identified as being both feasible and practical. Ownership of assets within the intersection is being investigated to determine whether Council or VicRoads are best placed to undertake the works required.

A consultant has been engaged to prepare a drainage investigation of Suffolk Avenue in Cockatoo, The investigation will be used in the development of a designed solution to direct water away from properties, the investigation is due for completion within 2 weeks.

2019-20 Footpath maintenance program

Project description	The maintenance of Council's existing footpath network, as set out in Council's Road Management Plan (RMP).
Funding	The program is fully funded by Council.
Update	The inspection of Council's entire footpath network has been completed and works have begun on the highest priority issues. As per the Road Management Plan, high priority footpaths (which need to be inspected every six months) are currently being inspected.

2019-20 New footpath program

Project description Council's footpath program looks to extend the footpath network in and around townships. The footpaths to be constructed in 2019-20 are:

Footpath location	Status
Leigh Dive, Pakenham (missing section across properties 51,53 and 53A)	Completed
Belgrave-Gembrook Road, Avonsleigh (connect path to bus stop near Margaret Road)	
High Street, Bunyip (south of roundabout with A'Beckett Road – missing link)	
Fieldstone Boulevard, Beaconsfield (pram Crossings at Holm Park Road Intersection)	
Malouf Court, Pakenham (end of Malouf Court to Henry Road)	Completed
Webster Way, Pakenham (existing path to bus stop opposite 104)	Completed
Kenilworth Avenue, Beaconsfield (approx 120m north of Soldiers Road to station)	Completed
Belgrave Gembrook Road, Cockatoo (connect footpath to bus stop opposite Amphlett Avenue)	

Footpath location	Status
Slattery Place, Pakenham (Railway Avenue north for approx 235m racecourse development)	Completed
Ahern Road, Pakenham (missing link outside No.118)	Completed
Old Princes Highway, Beaconsfield (Desmond Court to Princes Freeway offramp signalised intersection-south side)	Waiting for VicRoads approval
Princes Highway, Pakenham (path from Racecourse Road north to Princes Highway to bus stop opposite Army Road)	Completed
Emerald-Beaconsfield Road, Emerald (opposite Kings Road to Crighton Road - east side)	Under construction.
Neville Street, Cockatoo (in front of No. 22 creates a link from Alma Treloar Reserve to Steane Street and Midnight Avenue)	
Princes Highway, Pakenham (connect bus stop between James Street and Henry Street to footpath network)	Completed
Ahern Road, Pakenham (from No.143 to No.165)	Partially completed. Another 100 metres of path to be constructed once existing subdivision work within the location is completed.
Rosebury Street, Lang Lang (Western Port Road to Carnarvon Street)	Completed
Payne Road, Beaconsfield (Emerald-Beaconsfield Road to opposite No.90) (gravel)	
Kenilworth Avenue, Beaconsfield (Station Street west to Bus Stop)	
Windermere Boulevard, Pakenham (installation of flashing zebra crossing)	Completed
Funding	The \$800,000 program is fully funded by Council through the footpath and pedestrian and bicycle strategy programs.
Update	The Windermere Boulevard, Pakenham (flashing zebra crossing) works are completed and the crossing is operational.

Other capital projects

Hill's Hub

Project description	The Hill's Hub is a multipurpose facility that will enhance existing community activities delivered by the Emerald Mechanics Institute, establishing a long-term base for Emerald U3A, Emerald Men's Shed, other stakeholders, and includes new public amenities. It will also provide opportunity to respond to emerging local needs, including skill development, training and employment creation. An advisory group of community stakeholders across a wide range of community organisations was established. Council has undertaken extensive consultation and negotiations in providing this multipurpose facility.
Funding	The project is jointly funded by: <ul style="list-style-type: none"> • Council (\$4.88 million) • Australian Government's National Stronger Regions Fund (\$1.5 million) • Victorian Government Growing Suburbs Fund (\$1.5 million) • Eastern Dandenong Ranges Group/Dandenong Ranges Community Bank Group (\$250,000).
Timelines	The Hill's Hub is due for completion by February 2020.
Update	A recent Advisory Group meeting was held at the Emerald Library advising relevant stakeholders on the progress with this project. All works are progressing to the February 2020 deadline.

Cardinia Cultural Centre (CCC), Stage 1 Upgrade incorporating the Arts Space

Project description	The upgrade of the CCC is stage 1 of a proposed 3-stage upgrade. Stage 1 includes the provision of an arts space, significant improvements to the foyer/crush space and the provision of flexible dance/rehearsal rooms.
Funding	The project is jointly funded by Council and the Victorian Government's Growing Suburbs Fund.
Timelines	This project was completed in October 2019.
Update	The project official opening occurred on 8 November 2019.

Operations Centre solar electricity system

Project description	Installation of a solar electricity system at the Operations Centre new office building.
Funding	This project is funded by Council.
Timelines	This project is due for completion in 2020.
Update	An updated structural engineering assessment is being undertaken.

Timbertop Integrated Children's Centre

Project description	Proposed new Children's Learning Centre.
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Funding	The project is funded by Developer Contribution and the Victorian Government (Victorian School Building Authority).
Timelines	This project is planned to open by January 2021, however is being hampered by land acquisition issues from the developer.
Update	Design documentation has progressed to ensure progress maintains a January 2021 completion deadline.

Rix Road Integrated Children's Centre

Project description	Proposed new Children's Learning Centre.
Funding	The project is funded by Developer Contribution and the Victorian Government (Victorian School Building Authority).
Timelines	This project is planned to open by January 2022.
Update	Design consultants appointed.

Arcadia Neighbourhood 2 (NH02) Reserve

Project description	<p>Developer delivered landscape embellishments to 1ha public open space adjoining future drainage reserve in Arcadia Estate. Park is adjacent to Officer South Road and Flanagan Avenue.</p> <p>The theme of the park is 'Where the Wild Things Are' highlighted by 5m tall tree sculptures on site. A dual flying fox, accessible carousel, swings, climbing frames, shelters and skate zone will ensure this park caters to all ages and abilities, given its proximity to Officer Specialist School and Officer Secondary College.</p>
Funding	Fully funded by Satterly under their permit for Arcadia Neighbourhood 2. Works are valued at over \$1.4m
Timelines	Works complete
Update	Park is open to the public. Wetland continues to be secured until Melbourne Water works are fully established.